GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:4904
ANSWERED ON:24.04.2003
FUNDS FOR SOLAR ENERGY SCHEME IN PUNJAB
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Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether the Government are providing any assistance or grant to any solar energy scheme in Punjab ;

(b) if so, the funds released under this scheme to Punjab during the last two years and proposed for 2003-2004;

(c) the details of solar energy produced and utilized during the last two years in the above State; and

(d) the target set for the production of solar energy under solar energy scheme during 2003-04 ?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a) & (b) : The Ministry is implementing various solar energy programmes such as solar photovoltaic (SPV) demonstration & utilization programme, SPV grid-interactive power programme,SPV water pumping programme, solar thermal extension programme and solar cooker programme in the entire country, including the state of Punjab. These programmes are being implemented through the state renewable energy development agencies, selected non-governmental organizations, the Indian Renewable Energy Development Agency (IREDA) Limited and a few public sector banks.

Under these programmes, installation of solar energy systems like solar home systems, street lighting systems, power plants, water pumping systems, solar water heating systems, solar cookers, etc. is being supported through central subsidy, soft loan packages

and other incentives. In addition, the Ministry is supporting the establishment of `Aditya` solar shops in the selected cities of the country.

The solar energy programmes in Punjab are being implemented through the Punjab Energy Development Agency (PEDA), Chandigarh. During the last two years i.e. 2001-02 and 2002-03, PEDA has installed the following solar energy systems:

(i) 1200 solar water pumping systems

(ii) A 200 kWp Grid-Interactive SPV Power Plant at village Khatkar Kalan, District - Nawanshahar

(iii) 750 solar home systems

(iv) 350 solar street lighting systems

(v) 1,500 solar lanterns

(vi) 250 box type solar cookers

(vii) 100 dish type solar cookers

(viii) Solar water heating systems with aggregate capacity of 12,500 litres per day.

The Ministry released central grants of Rs. 650.56 lakhs during 2001-02 and Rs. 1,043.57 lakhs during 2002-03to PEDA under solar energy programmes. State-wise financial allocations and releases are yet to be made during 2003-04 under the solar energy programmes.

(c)&(d): It is estimated that the solar photovoltaic systems & power plants installed in Punjab have generated 2.08 and 2.92 million units of electricity during 2001-02 and 2002-03, respectively.

State-wise targets for the year 2003-04 under the solar energy programmes of the Ministry are yet to be allocated. Proposals in this regard from various states are being compiled.